

## **Abstract**

The present invention is a apparatus and method for accurately finding a location of a fault in a fiber cable where a cable locating current is leaking to ground. The system includes a sensor body, voltage probes mounted in the body to face the cable, a reference voltage input and a voltage comparator that compares the reference voltage to a measured voltage at the probes. Use of the system may include applying a conductive medium such as a conductive gel between the probes and the cable.